

Fig 1A

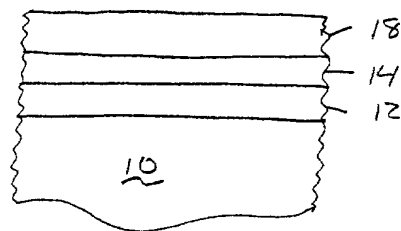


Fig 1B

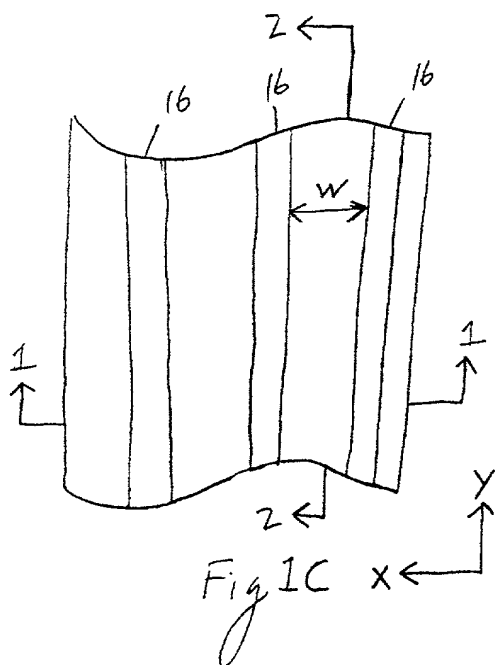


Fig 1C

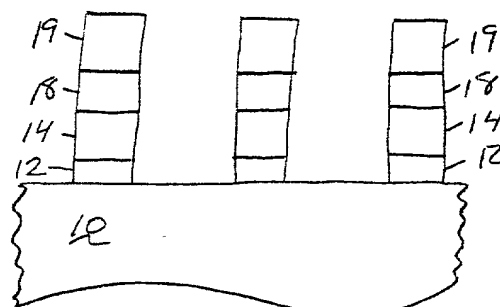


Fig 1D

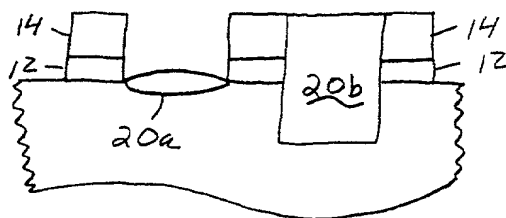


Fig 1E

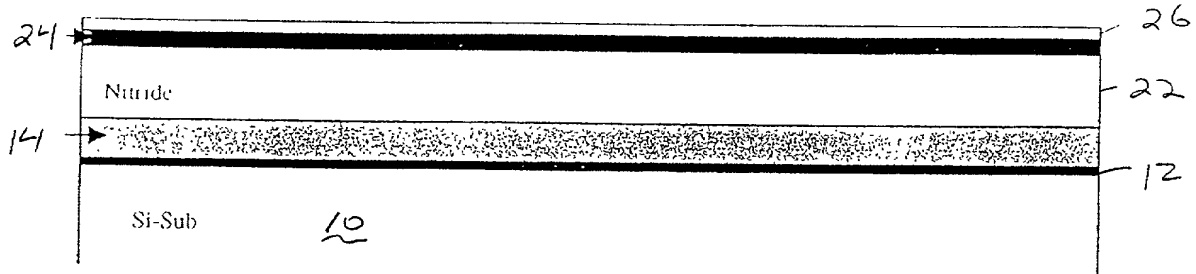


Fig. 2A

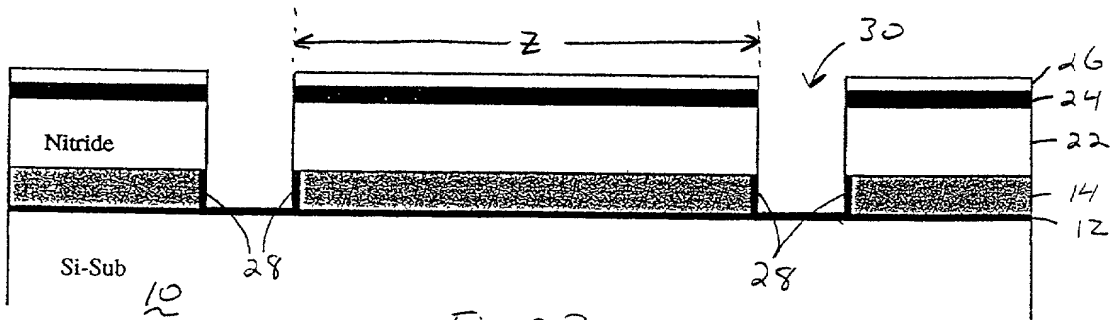


Fig 2B

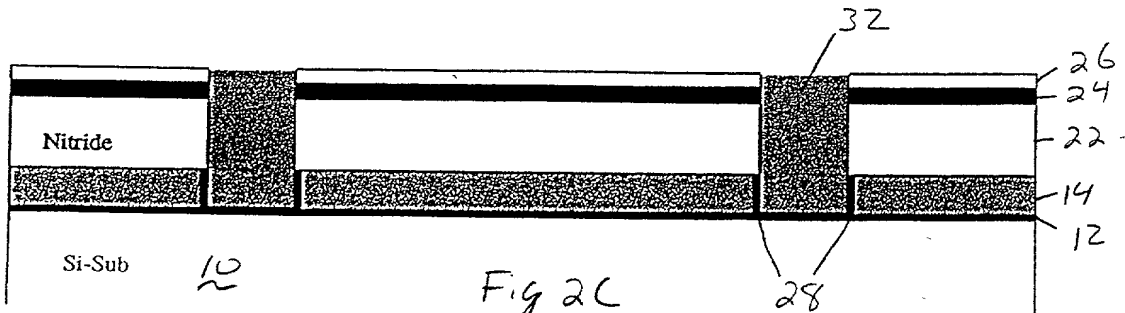
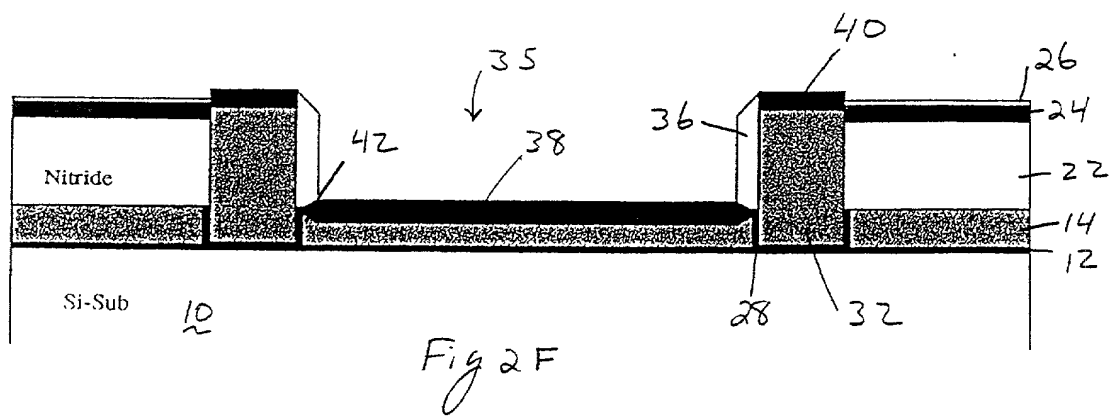
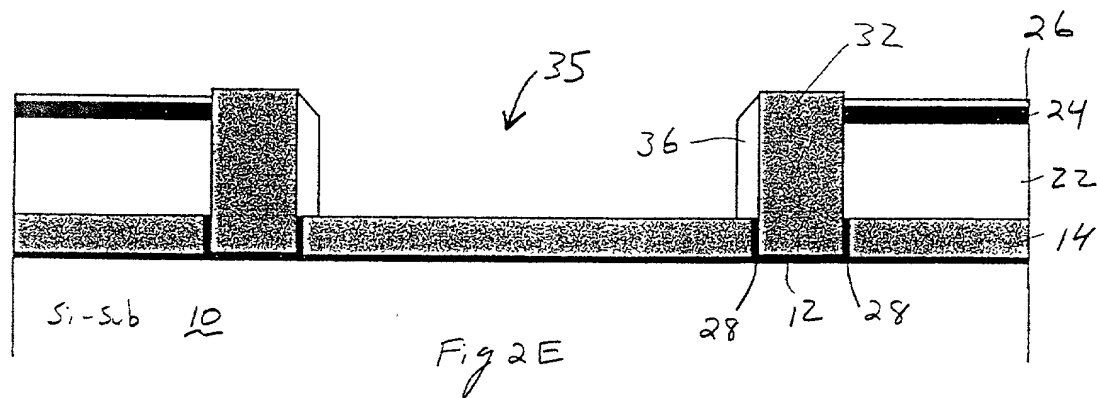
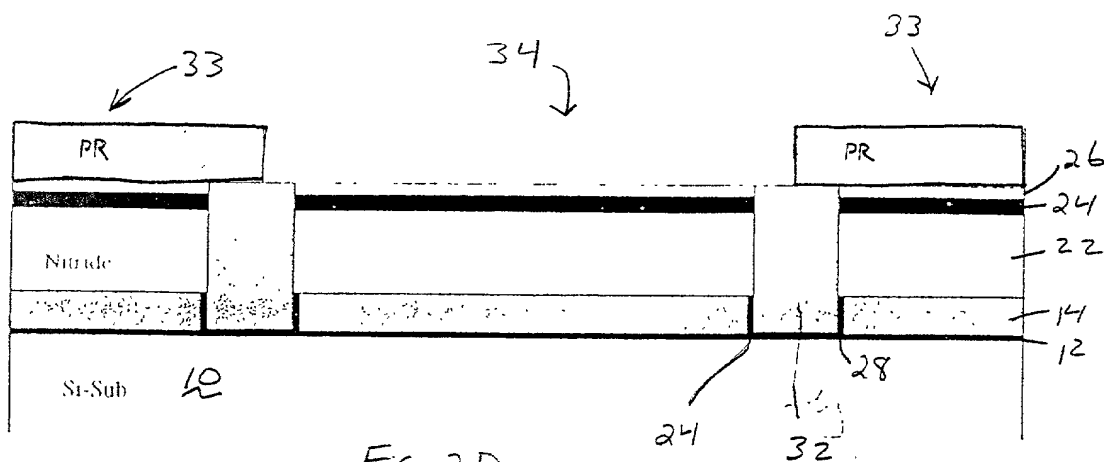
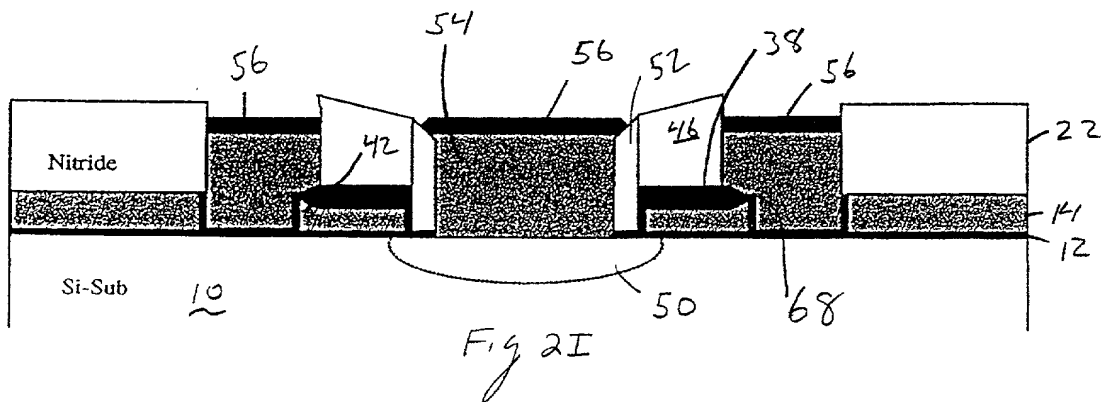
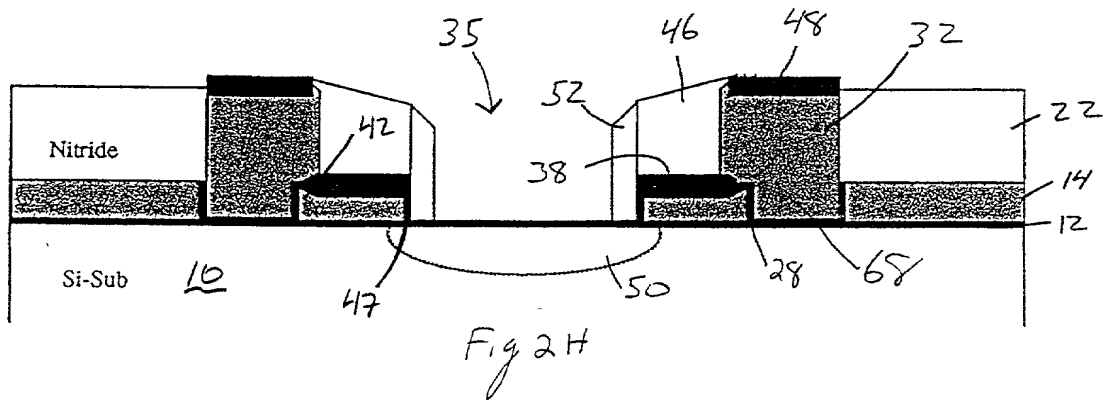
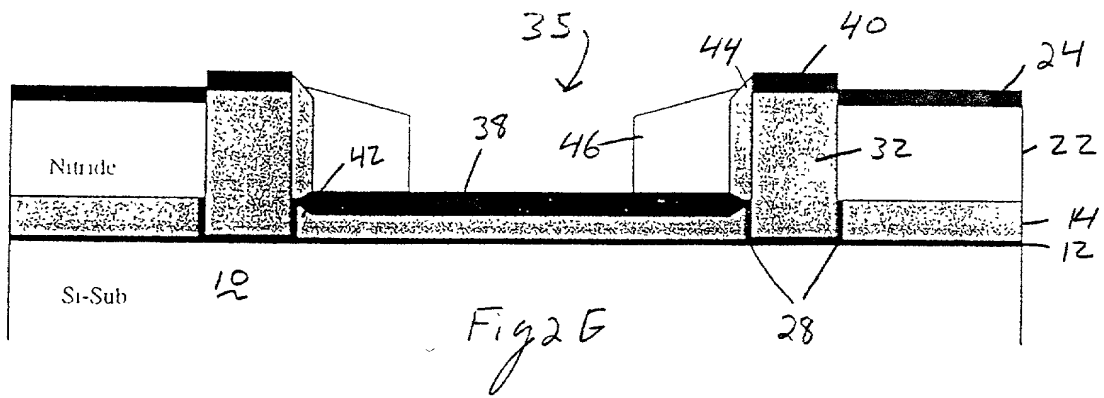


Fig 2C





A cross-sectional view of a semiconductor device. The base is a substrate labeled "Si-Sub" with reference numeral 10. On the substrate, there are several layers and structures. A layer labeled 12 is on the right. A layer labeled 28 is on the left. A layer labeled 32 is on the right. A layer labeled 38 is on the left. A layer labeled 42 is on the right. A layer labeled 46 is on the right. A layer labeled 50 is in the center. A layer labeled 52 is on the right. A layer labeled 54 is in the center. A layer labeled 56 is on the left. A layer labeled 68 is on the right. A layer labeled 72 is on the right. A layer labeled 74 is on the right. A layer labeled 76 is on the right. A layer labeled 78 is on the right. A layer labeled 80 is on the right. A layer labeled 82 is on the right. A layer labeled 84 is on the right. A layer labeled 86 is on the right. A layer labeled 88 is on the right. A layer labeled 90 is on the right. A layer labeled 92 is on the right. A layer labeled 94 is on the right. A layer labeled 96 is on the right. A layer labeled 98 is on the right. A layer labeled 100 is on the right.

Fig 2L

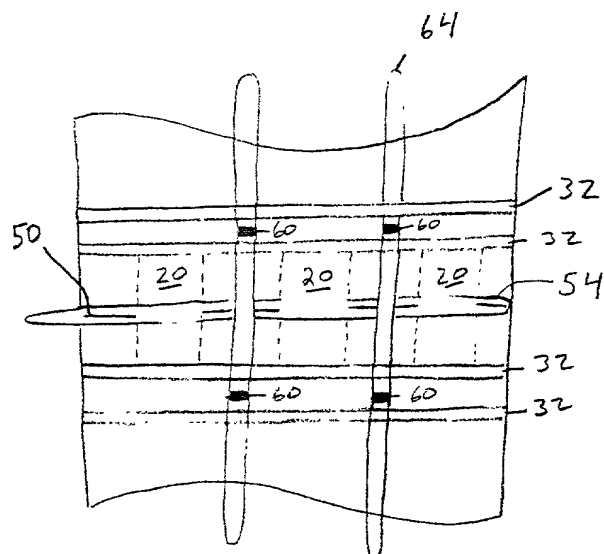


Fig 2m

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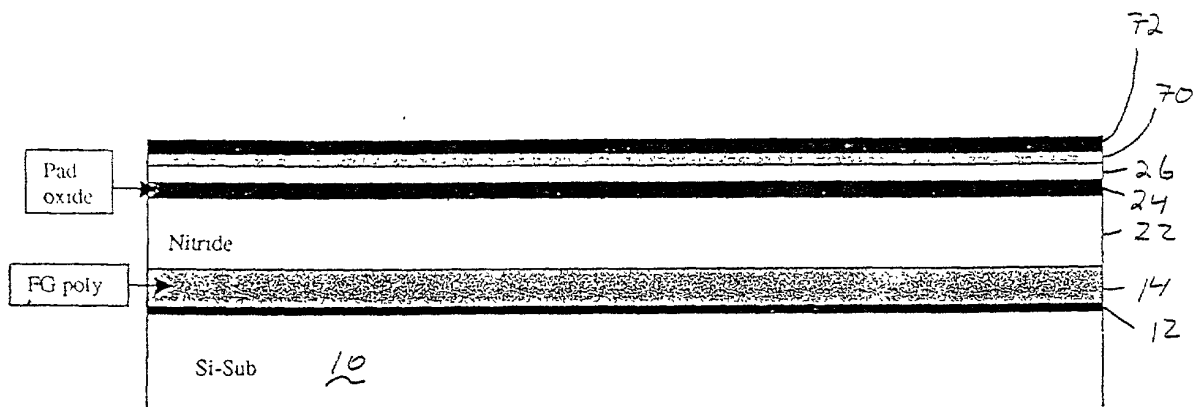


Fig 3A

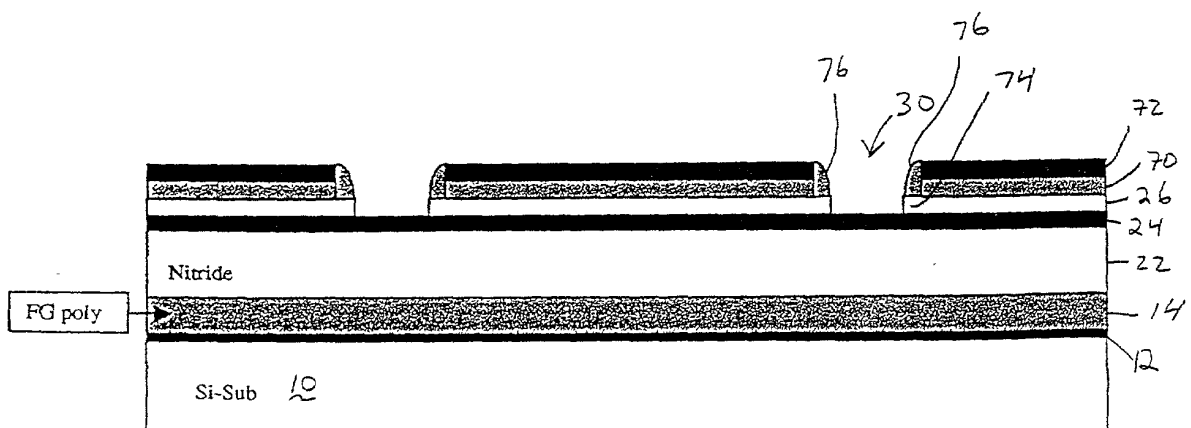
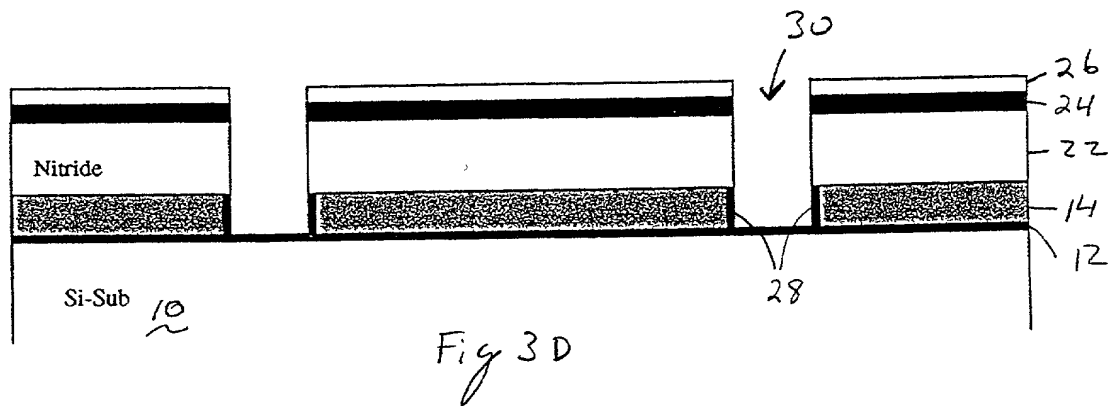
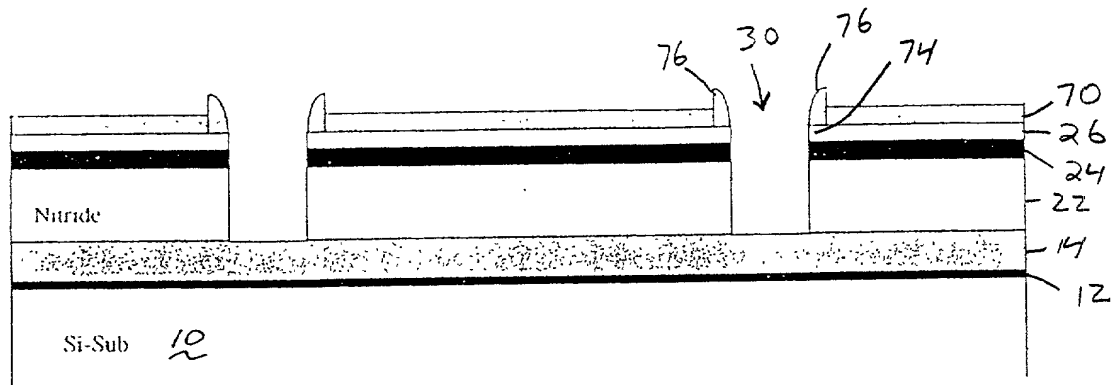


Fig 3B

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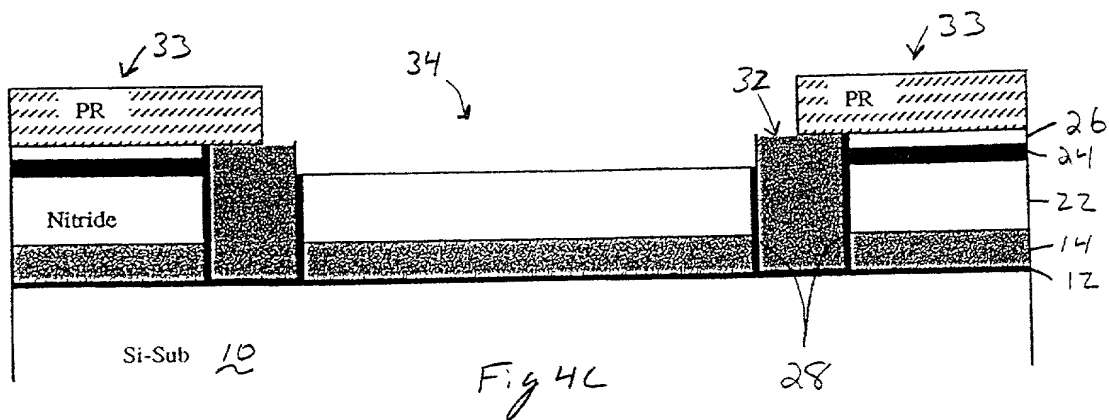
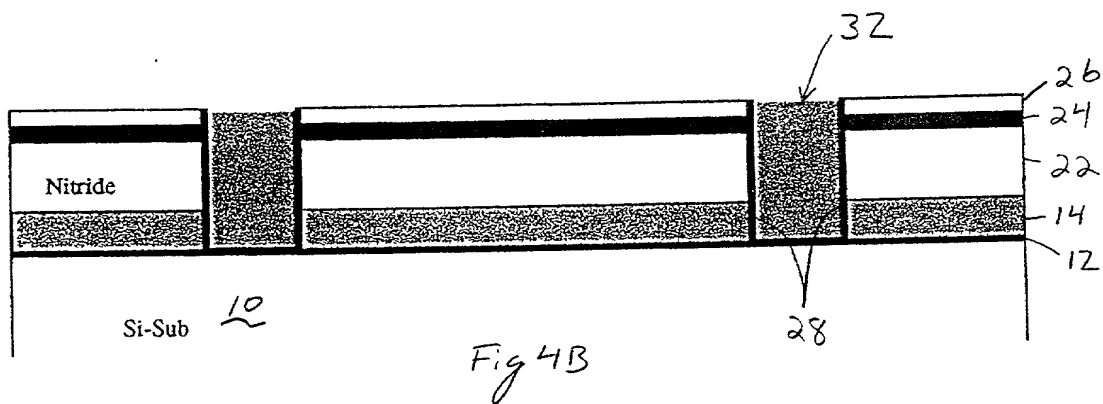
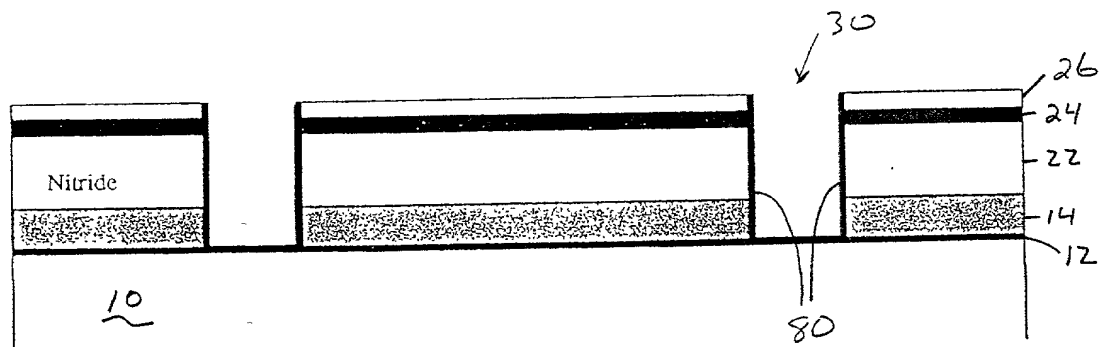
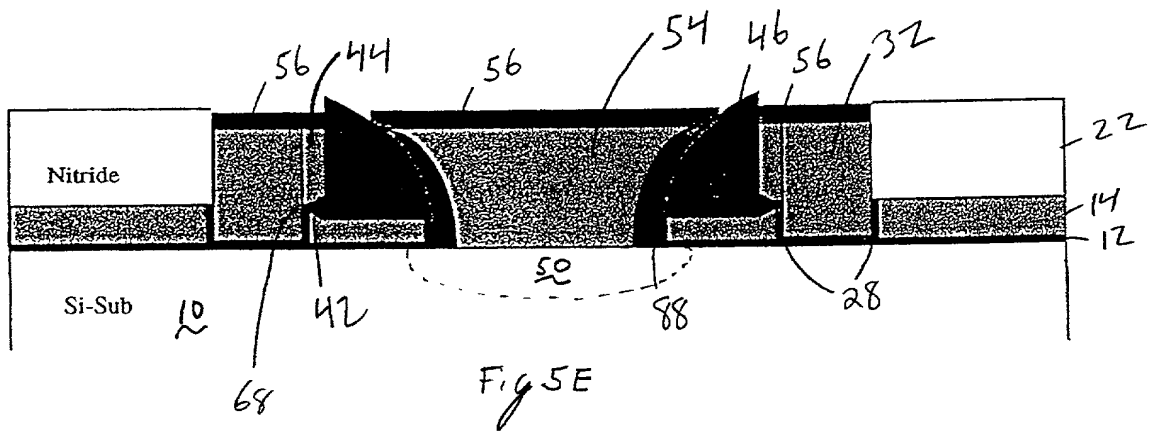
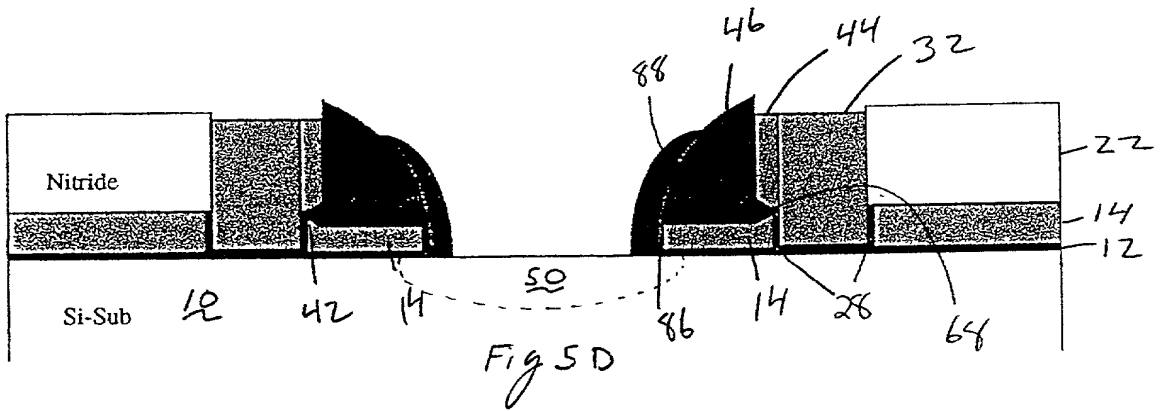
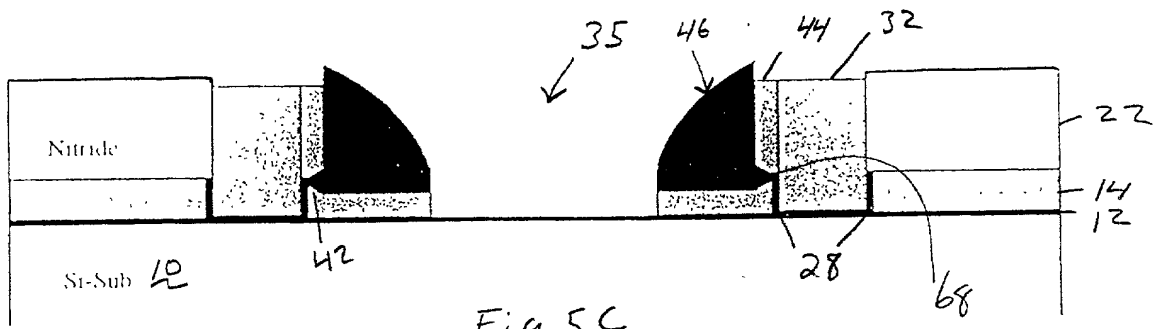


Fig. 4D





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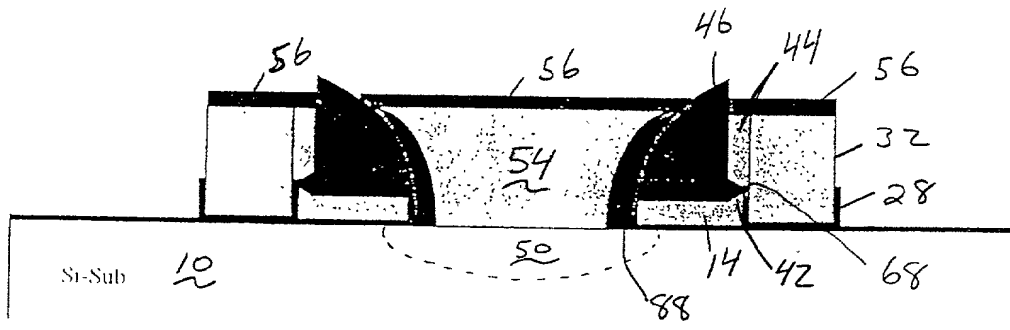
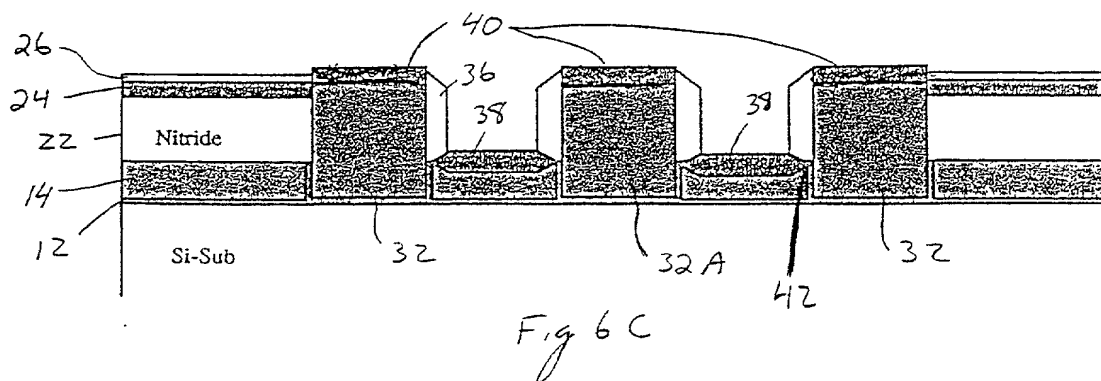
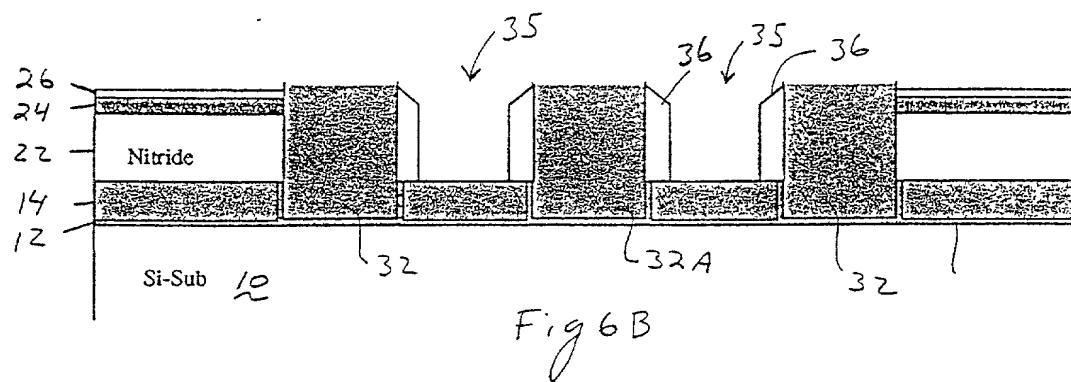
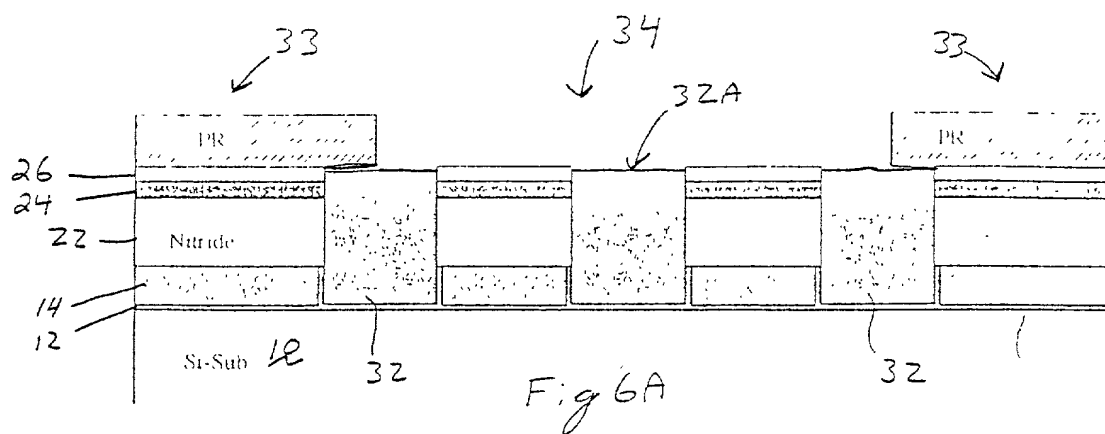
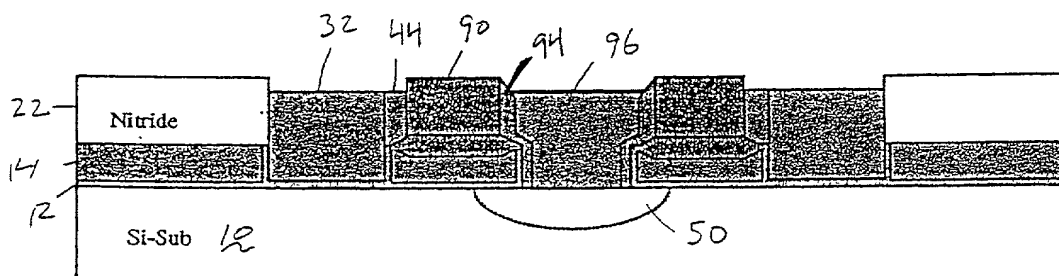
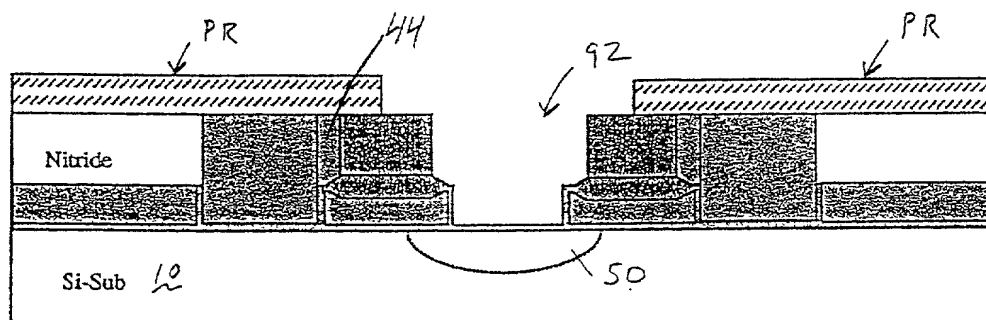
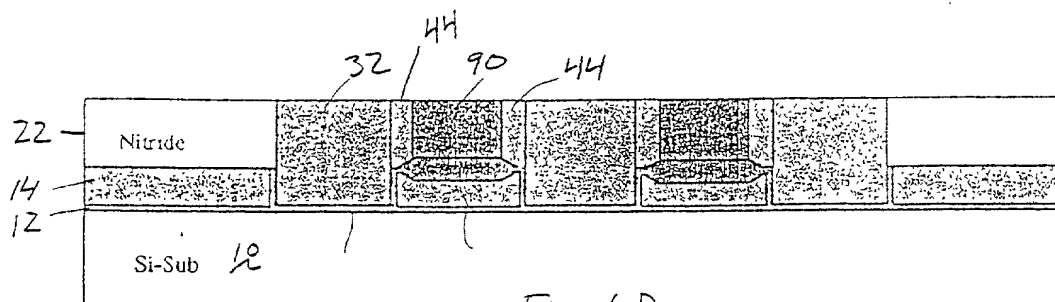
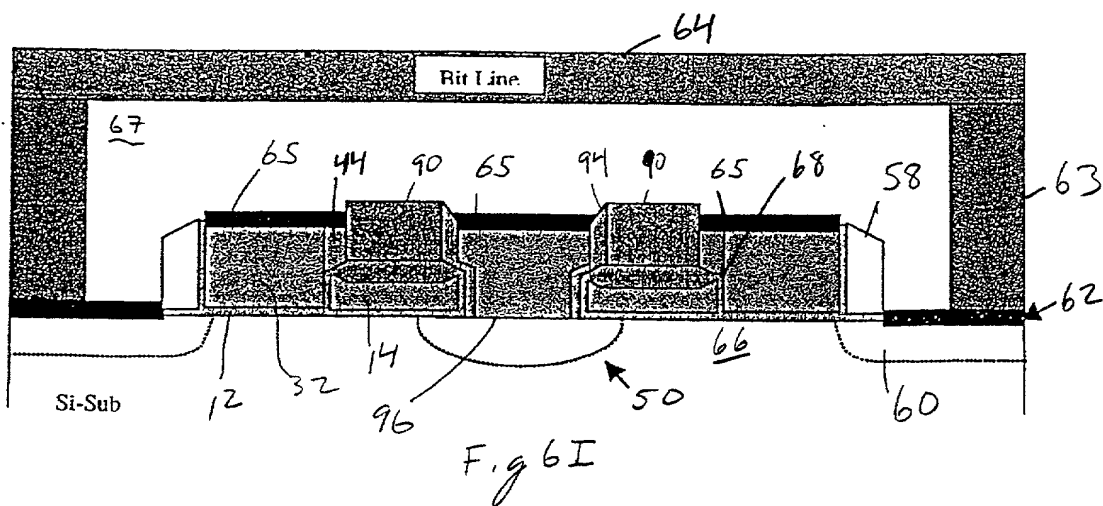
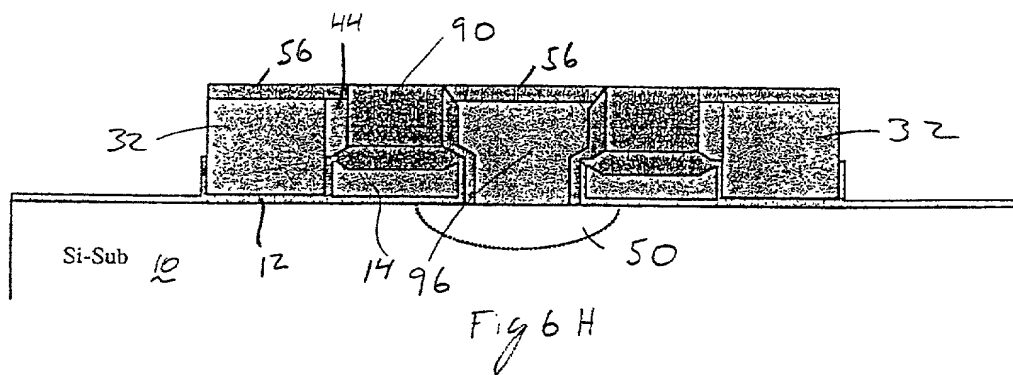
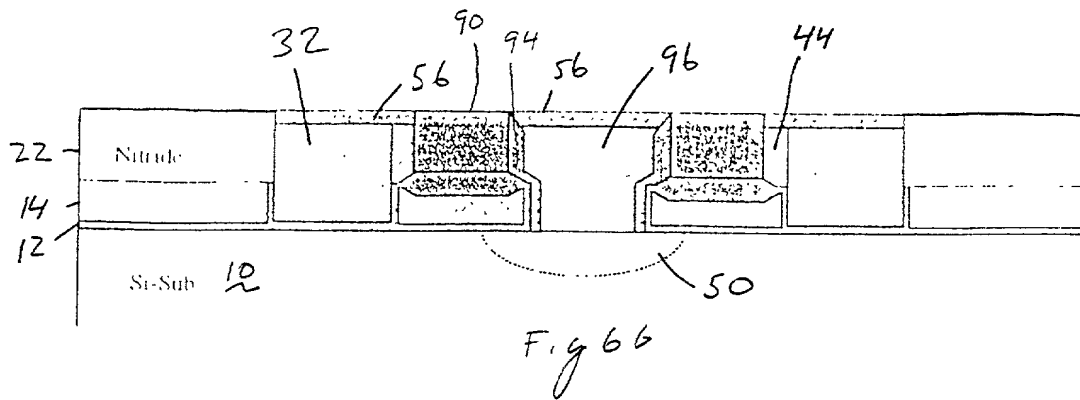


Fig 5F

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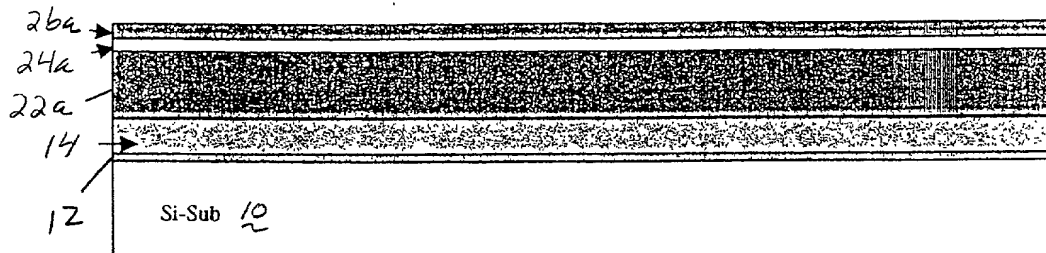


Fig 7A

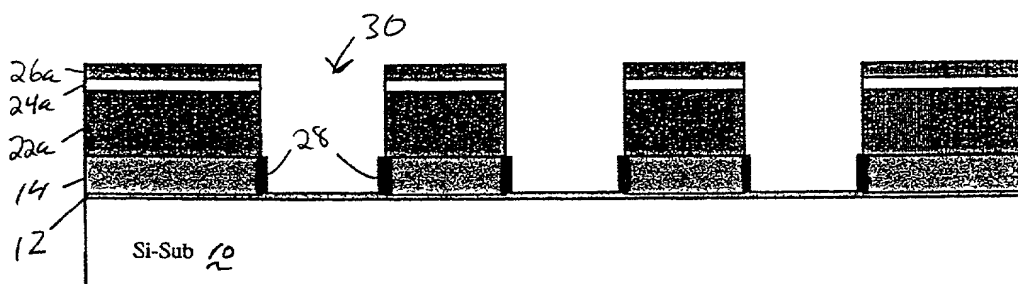


Fig 7B

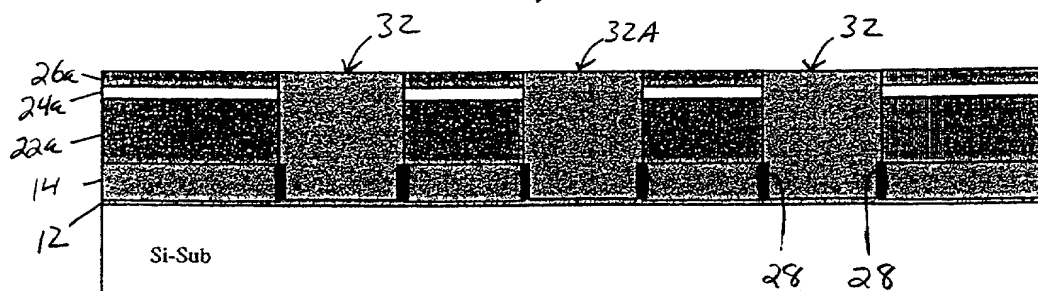
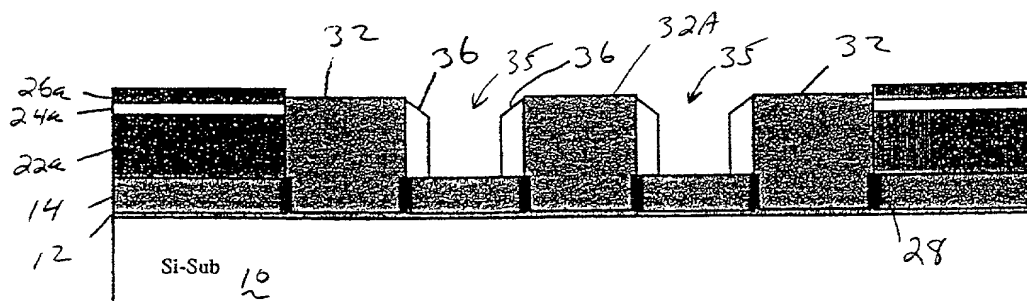
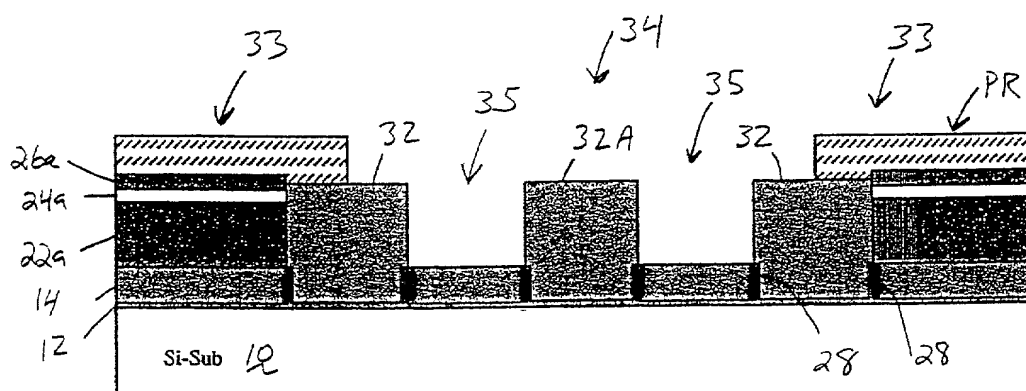
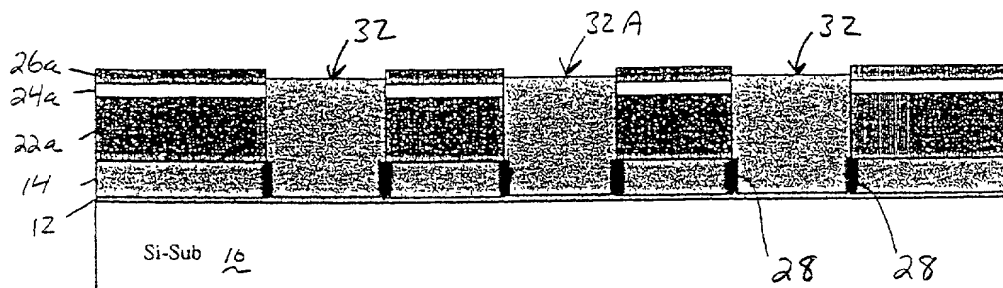
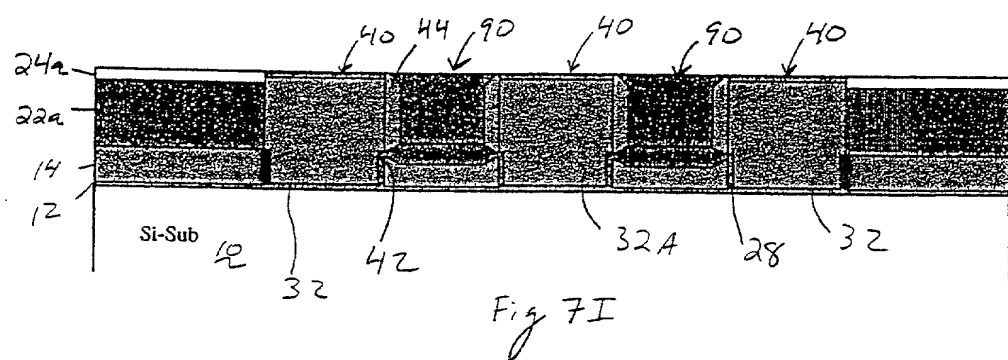
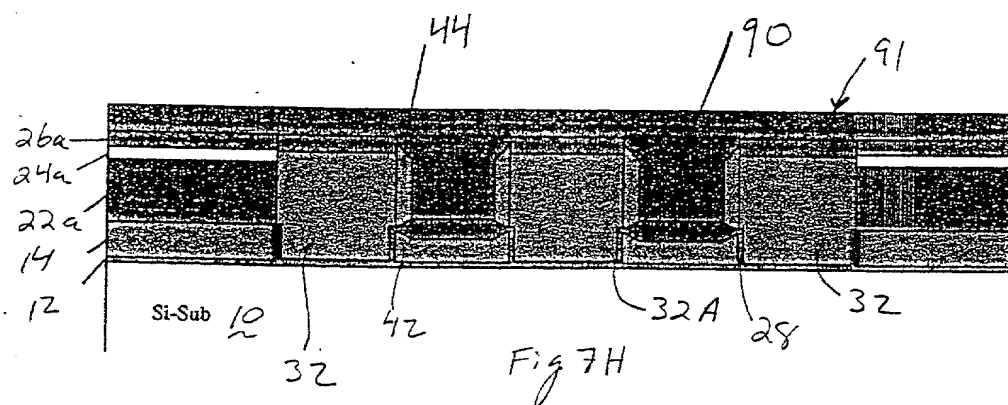
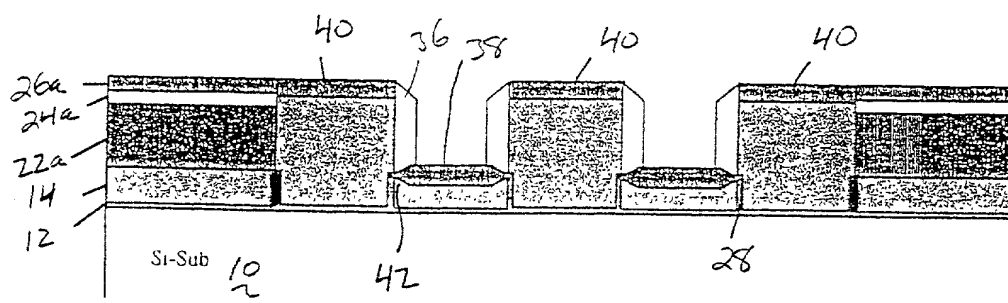


Fig 7C





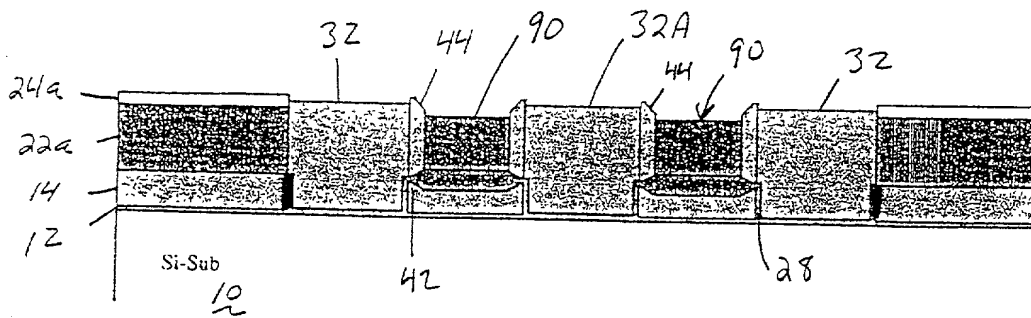


Fig 7J

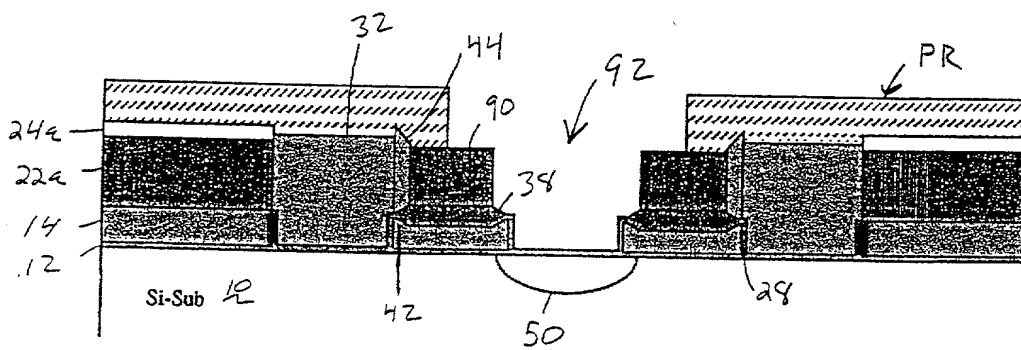


Fig 7K

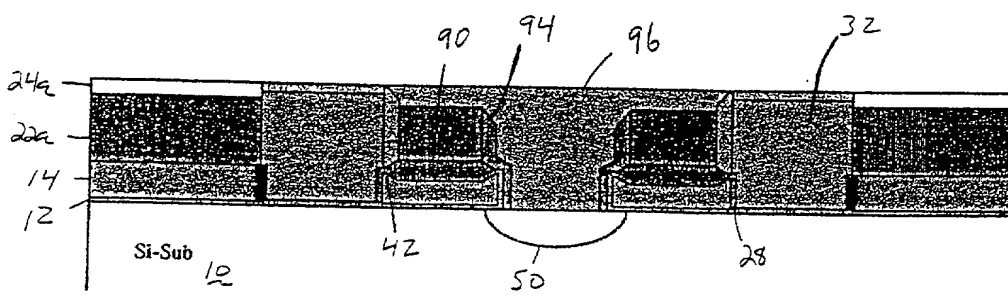
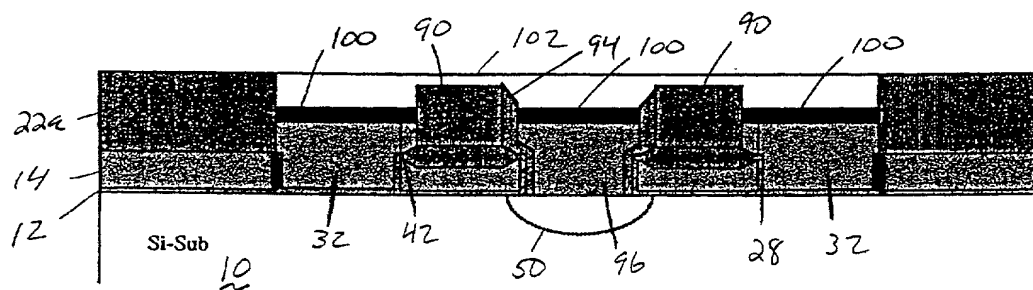
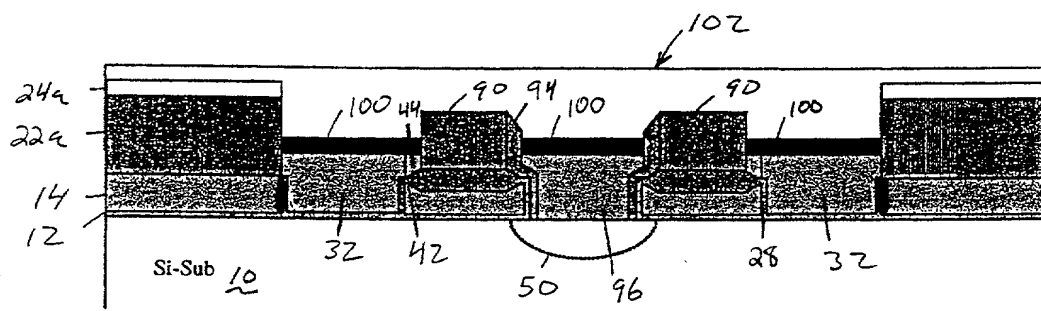
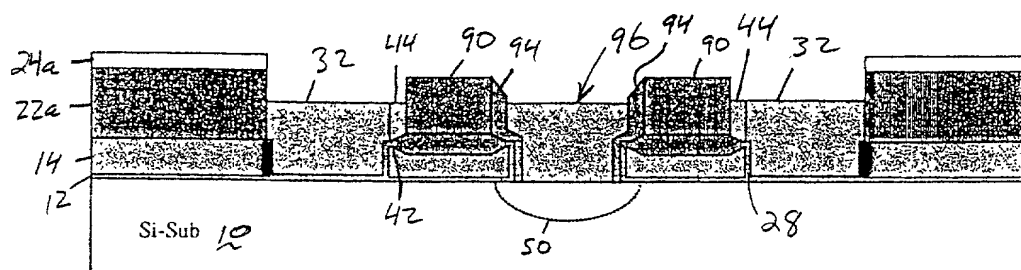
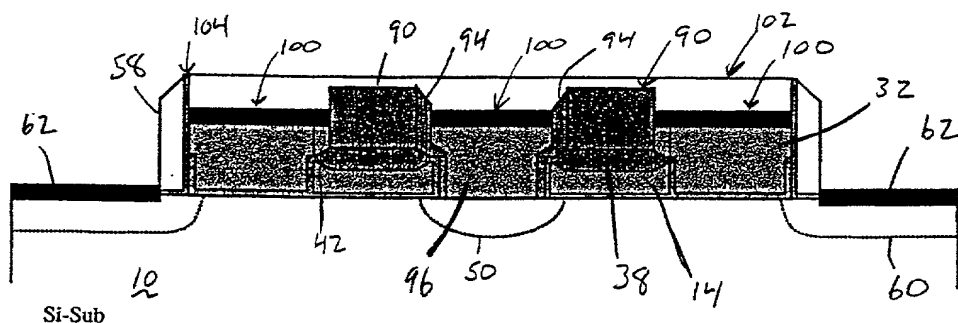
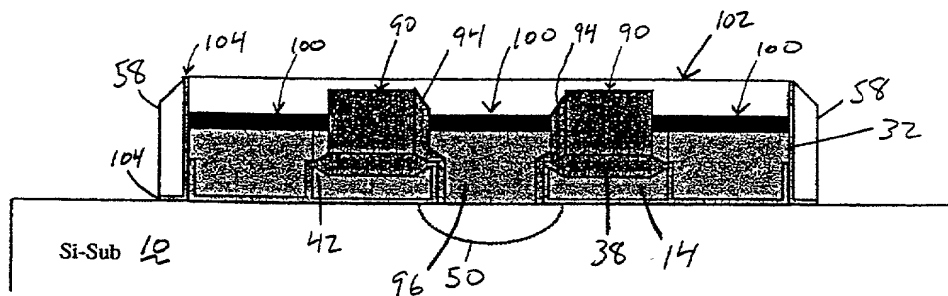
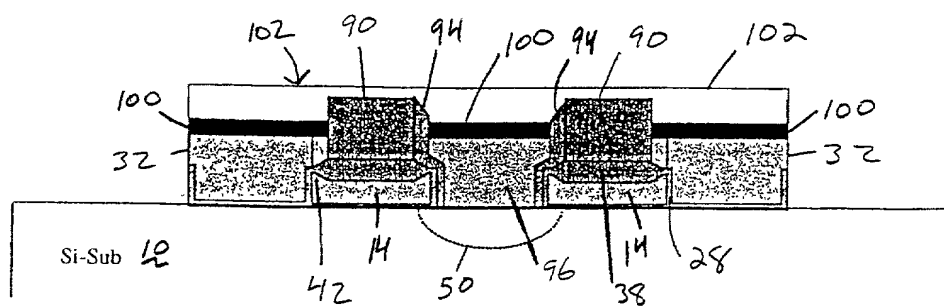


Fig 7L

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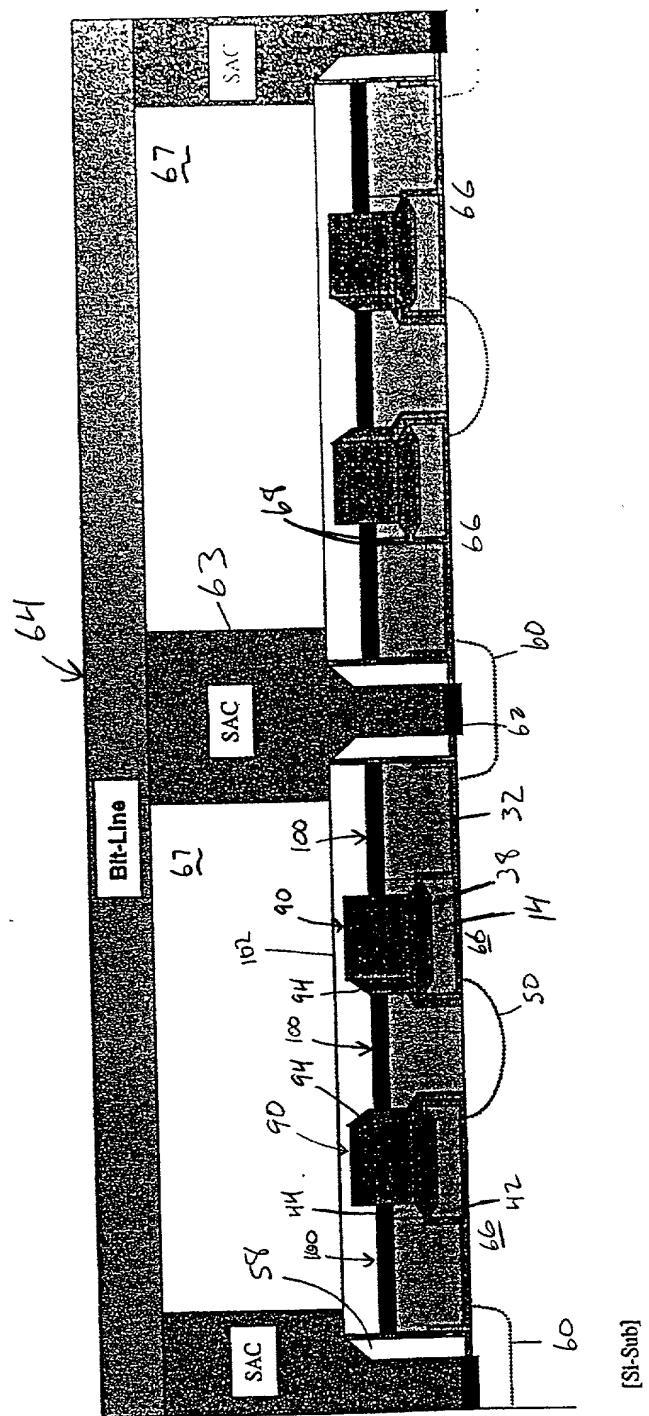


Fig 7S